Fig. 1

SEQ ID NO: 1

AGGGCTGCAGTCACGGGGCGGCGCGGAGGGCCCCAGCCCAGTCAGGGG

TGTGGCCGCCGCCACCGTAAGGCTAGGCCGCGAGCTTAGTCCTGGGAG

CCGCCTCCGTCGCCGCCGTCAGAGCCGCCCTATCAGATTATCTTAACA

AGAAAACCAACTGGAAAAAAAATGAAATTCCTTATCTTCGCATTTTT

CGGTGGTGTTCACCTTTTATCCCTGTGCTCTGGGAAAGCTATATGCAA

GAATGGCATCTCTAAGAGGACTTTTGAAGAAATAAAGAAGAAATAGC

CAGCTGTGGAGATGTTGCTAAAGCAATCATCAACCTAGCTGTTTATGG

TAAAGCCCAGAACAGATCCTATGAGCGATTGGCACTTCTGGTTGATAC

TGTTGGACCCAGACTGAGTGGCTCCAAGAACCTAGAAAAGCCATCCA

AATTATGTACCAAAACCTGCAGCAAGATGGGCTGGAGAAGTTCACCT

GGAGCCAGTGAGAATACCCCACTGGGAGAGGGGAGAAGAATCAGCTGT

GATGCTGGAGCCAAGAATTCATAAGATAGCCATCCTGGGTCTTGGCAG

CAGCATTGGGACTCCTCCAGAAGGCATTACAGCAGAAGTTCTGGTGGT

GACCTCTTTCGATGAACTGCAGAGAAGGGCCTCAGAAGCAAGAGGGAA

GATTGTTGTTTATAACCAACCTTACATCAACTACTCAAGGACGGTGCA

ATACCGAACGCAGGGGGCGGTGGAAGCTGCCAAGGTTGGGGCTTTGGC

ATCTCTCATTCGATCCGTGGCCTCCTTCTCCATCTACAGTCCTCACAC

AGGTATTCAGGAATACCAGGATGGCGTGCCCAAGATTCCAACAGCCTG

TATTACGGTGGAAGATGCAGAAATGATGTCAAGAATGGCTTCTCATGG

GATCAAAATTGTCATTCAGCTAAAGATGGGGGCAAAGACCTACCCAGA

TACTGATTCCTTCAACACTGTAGCAGAGATCACTGGGAGCAAATATCC

AGAACAGGTTGTACTGGTCAGTGGACATCTGGACAGCTGGGATGTTGG

GCAGGGTGCCATGGATGATGGCGGTGGAGCCTTTATATCATGGGAAGC

ACTCTCACTTATTAAAGATCTTGGGCTGCGTCCAAAGAGGACTCTGCG

GCTGGTGCTCTGGACTGCAGAAGAACAAGGTGGAGTTGGTGCCTTCCA

GTATTATCAGTTACACAAGGTAAATATTTCCAACTACAGTCTGGTGAT

GGAGTCTGACGCAGGAACCTTCTTACCCACTGGGCTGCAATTCACTGG

CAGTGAAAAGGCCAGGGCCATCATGGAGGAGGTTATGAGCCTGCTGCA

Fig. 1 (continued)

GCCCCTCAATATCACTCAGGTCCTGAGCCATGGAGAAGGGACAGACAT
CAACTTTTGGATCCAAGCTGGAGTGCCTGGAGCCAGTCTACTTGATGA
CTTATACAAGTATTTCTTCTTCCATCACTCCCACGGAGACACCATGAC
TGTCATGGATCCAAAGCAGATGAATGTTGCTGCTGCTGTTTGGGCTGT
TGTTTCTTATGTTGTTGCAGACATGGAAGAAATGCTGCCTAGGTCCTA
GAAACAGTAAGAAAGAAACGTTTTCATGCTTCTGGCCAGGAATCCTGG
GTCTGCAACTTTGGAAAACTCCTCTTCACATAACAATTTCATCCAATT
CATCTTCAAAGCACAACTCTATTTCATGCTTTCTGTTATTATCTTTCT
TGATACTTTCCAAATTCTCTGATTCTAGAAAAGGAATCATTCTCCCC
TCCCTCCCACCACATAGAATCAACATATGGTAGGGATTACAGTGGGGG
CATTTCTTTATATCACCTCTTAAAAACATTGTTTCCACTTTAAAAGTA
AACACTTAATAAATTTTTGGAAGAACAAA

Fig. 2

SEQ ID NO: 2

MKFLIFAFFGGVHLLSLCSGKAICKNGISKRTFEEIKEEIASCGDVAK
AIINLAVYGKAQNRSYERLALLVDTVGPRLSGSKNLEKAIQIMYQNLQ
QDGLEKVHLEPVRIPHWERGEESAVMLEPRIHKIAILGLGSSIGTPPE
GITAEVLVVTSFDELQRRASEARGKIVVYNQPYINYSRTVQYRTQGAV
EAAKVGALASLIRSVASFSIYSPHTGIQEYQDGVPKIPTACITVEDAE
MMSRMASHGIKIVIQLKMGAKTYPDTDSFNTVAEITGSKYPEQVVLVS
GHLDSWDVGQGAMDDGGGAFISWEALSLIKDLGLRPKRTLRLVLWTAE
EQGGVGAFQYYQLHKVNISNYSLVMESDAGTFLPTGLQFTGSEKARAI
MEEVMSLLQPLNITQVLSHGEGTDINFWIQAGVPGASLLDDLYKYFFF
HHSHGDTMTVMDPKQMNVAAAVWAVVSYVVADMEEMLPRS

Fig. 3

SEQ ID NO: 3

5'- atgaatgttgctgctgctgt -3'

Fig. 4

SEQ ID NO: 4

5'- aggcagcatttcttccatgt -3'

Fig. 5

SEQ ID NO: 5

5'- tgggctgttgtttcttatgttgttgca -3'